

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	("5205991" "5431866" "4906170" "5222594").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 06:53
L2	1750	(264/40.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 07:55
L3	1	10/691260	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 07:56
L4	13	"5205991"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 08:32
L5	7	"4319840"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 08:39
L6	2048	pads and honeycomb\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 08:39
L7	305	pads same honeycomb\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 08:39
L8	13	pads same honeycomb\$2 same (drying dryer dry dried)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 08:40
L9	2113463	pads move honeycomb\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 08:40
L10	144	pads with honeycomb\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 08:47
L11	33	foam\$2 with pads with honeycomb\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 08:42
L12	3379	foam\$2 with honeycomb\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 08:42
L13	10	pad\$4 with (move moving moved) with delicate	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 08:48
L14	1072	pad\$4 with (move moving moved) and delicate	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 08:52
L15	0	("2046525").URPN.	USPAT	OR	OFF	2006/07/20 08:50

## EAST Search History

L16	29	pad\$4 with (move moving moved) and pottery	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 09:01
L17	1612	pad\$4 with foam\$4 and green	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 09:02
L18	59	pad\$4 with foam\$4 and green with (body bodies ceramic\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 09:08
L19	96	honeycomb and (imaging image imaged) with ends	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 09:09
L20	11	"5222594"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 09:26
L21	4	"5431866"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 09:26
S1	15589	air adj bearing\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/18 08:07
S2	326129	extruder extrusion extrudate extrude extruded	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 11:57
S5	434	S1 and S2	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 10:59
S6	15587	"air bearing" "air bearings"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 11:01
S7	434	S2 and S6	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 11:23
S8	14	("2683635"   "2778691"   "2805898"   "3140853"   "3160443"   "3231165"   "3580640"   "3600046").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 11:12
S9	9	("2683635").URPN.	USPAT	OR	OFF	2005/07/22 11:17
S10	32	("2805898").URPN.	USPAT	OR	OFF	2005/07/22 11:19
S11	99	S7 and ceramic\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 11:23
S12	9	("5205991").URPN.	USPAT	OR	OFF	2005/07/22 11:50
S13	9	("4570045"   "5205991"   "5223188"   "5263263"   "5316710"   "5388345"   "5488785"   "5529732"   "5979073").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 11:50

## EAST Search History

S14	3635	(extruder extrusion extrudate extrude extruded) same (ceramic\$2 cordierite) and (indicia ink mark\$4 orientation)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 11:58
S15	2798	(extruder extrusion extrudate extrude extruded) same (ceramic\$2 cordierite) and (indicia ink mark\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 12:00
S16	580	(extruder extrusion extrudate extrude extruded) same (ceramic\$2 cordierite) and (indicia ink)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 12:01
S17	236	(extruder extrusion extrudate extrude extruded) same (ceramic\$2 cordierite) and (indicia ink adj jet)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 12:07
S18	2	("2451713").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 12:07
S19	6	("2612706").URPN.	USPAT	OR	OFF	2005/07/22 12:08
S20	9	("4137369"   "4137628"   "4576735"   "4576736"   "4733039"   "4803110"   "4902371"   "4919970"   "5047368").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 12:22
S21	9622	(honeycomb honey adj comb) and (ceramic\$2 cordierite)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 13:07
S22	20	S21 and correct\$5 with alignment	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 12:24
S23	0	"066781"	JPO	OR	OFF	2005/07/22 12:24
S24	0	"66781"	JPO	OR	OFF	2005/07/22 12:24
S25	0	"2002-066781"	JPO	OR	OFF	2005/07/22 12:24
S26	39759	Yokoyama minami	JPO	OR	OFF	2005/07/22 12:24
S27	0	Yokoyama and minami and Sibuya	JPO	OR	OFF	2005/07/22 12:27
S28	2	("5463462" "4319840").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 12:29
S29	0	S28 and twist\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 12:31
S30	0	S28 and orient\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 12:29
S31	0	S28 and orient\$7	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 12:29

## EAST Search History

S32	1	S28 and align\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 12:29
S33	9	"196443"	EPO; JPO; DERWENT	OR	OFF	2005/07/22 12:31
S34	1	"05196443"	EPO; JPO; DERWENT	OR	OFF	2005/07/22 12:31
S35	436	S21 and twist\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 13:05
S36	2933	S2 and S21	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 13:07
S37	38	S36 and twist	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 13:08
S38	143	S36 and twist\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 13:27
S39	3	("5633066").URPN.	USPAT	OR	OFF	2005/07/22 13:18
S40	10	("3006798"   "3505030"   "3983283"   "4233351"   "4777070"   "4840827"   "5393586"   "5393587").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 13:19
S41	339	S36 and correct\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 13:45
S42	1	("4,168,944").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 13:32
S43	28	("4168944").URPN.	USPAT	OR	OFF	2005/07/22 13:33
S44	1	("4757617").URPN.	USPAT	OR	OFF	2005/07/22 13:44
S45	42	S36 and misalign\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 13:50
S46	1	("6,039,908").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 13:50
S47	5	("4364888"   "4468365"   "4814187"   "5499913"   "6039908").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 13:58
S48	2588	correct\$5 with (align\$6 misalign\$6) and S2	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 13:59

## EAST Search History

S49	2041	correct\$5 near4 (align\$6 misalign\$6) and S2	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 14:00
S50	5	("3282074").URPN.	USPAT	OR	OFF	2005/07/22 14:32
S51	3724	(264/40.1,150,132,209.3,211.11). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/24 16:34
S52	1651	(264/40.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 14:33
S53	3	("5431866").URPN.	USPAT	OR	OFF	2005/07/22 15:20
S54	11	("3497304"   "3600918"   "3797720"   "3972761"   "4178200"   "4311905"   "4790975"   "4906170"   "5094600"   "5223852").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 15:21
S55	666	(mark\$2 marking\$2) same twist same (tube\$2 pipe\$2 cylinder\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/24 14:31
S56	1848	(mark\$2 marking\$2) same twist\$4 same (tube\$2 pipe\$2 cylinder\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/24 14:31
S57	474	(mark\$2 marking\$2) same twist\$4 same (tube\$2 pipe\$2 cylinder\$2) same (angle angular)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/24 14:42
S58	12	("2136538" "2352442" "2487972" "2487973" "2533025" "2635669"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/24 14:42
S59	4	("2487972").URPN.	USPAT	OR	OFF	2005/07/24 14:50
S60	8	("2164343"   "2352442"   "2487972"   "2884986").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/24 14:54
S61	8	("2449507"   "2487972"   "3686921"   "3728885"   "3922901"   "4048834").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/24 14:57
S62	6	("3769836").URPN.	USPAT	OR	OFF	2005/07/24 14:57
S63	1	("2487973").URPN.	USPAT	OR	OFF	2005/07/24 14:59
S64	7	("2352442").URPN.	USPAT	OR	OFF	2005/07/24 15:00
S65	1	("5147436").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/24 16:20
S66	2105	(264/150,132,209.3,211.11).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/24 16:41
S67	1163	S66 and (ceramic\$2 correct\$5 alignment extruded extrudate extruder)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/24 16:43

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S68	995	S66 and (extruded extrudate extruder)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/24 16:42
S69	248	S66 and (ceramic\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/24 17:00
S70	148	S66 and (twist\$4 honeycomb\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/24 17:01
S71	98	S70 not S69	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/24 17:07
S72	0	264/40.1	EPO; JPO	OR	OFF	2005/07/24 17:07
S73	434	(264/40.1).CCLS.	EPO; JPO	OR	OFF	2005/07/24 17:13
S74	0	S73 and (ceramic\$2 twist\$4 honeycomb\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/24 17:13
S75	434	(264/40.1).CCLS.	EPO; JPO; DERWENT	OR	OFF	2005/07/24 17:20
S76	0	S73 and (ceramic\$2 twist\$4 honeycomb\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/24 17:13
S77	0	S75 and (extrude extruder extrudate extruded)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/24 17:20
S78	11290	rollers with (twist\$4 rotated rotating rotation) with (pipe piping tube tubing bar rod)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/18 08:09
S79	165	rollers with (twist\$4 rotated rotating rotation) with (pipe piping tube tubing bar rod) with orient\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/18 08:19
S80	19204	rollers with (silicone elastic\$6 elastomer\$4) and rollers (twist\$4 rotated rotating rotation) with (pipe piping tube tubing bar rod) with orient\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/18 08:20
S81	15	rollers with (silicone elastic\$6 elastomer\$4) and rollers with (twist\$4 rotated rotating rotation) with (pipe piping tube tubing bar rod) with orient\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/18 08:21
S82	5	rollers with (silicone elastic\$6 elastomer\$4) and rollers with (twist\$4 rotated rotating rotation) with (pipe piping tube tubing bar rod stock) with correct\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/18 08:21

## EAST Search History

S83	5	rollers with (silicone elastic\$6 elastomer\$4) and rollers with (twist\$4 rotated rotating rotation) with (pipe piping tube tubing bar rod stock) with correct\$7	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/18 08:21
S84	9	("5222594").URPN.	USPAT	OR	OFF	2006/01/18 08:25
S85	9	("1815099"   "3001680"   "3303924"   "4402395"   "4625860"   "5042646").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/18 08:25
S86	10	("3303924").URPN.	USPAT	OR	OFF	2006/01/18 08:30
S87	4	("5293988").URPN.	USPAT	OR	OFF	2006/01/18 09:06
S88	1695	(264/40.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/18 13:22
S89	1	10/691260	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/18 13:22
S90	3	("3620630"   "3826923"   "4008967").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 16:42
S91	6	("4319840").URPN.	USPAT	OR	OFF	2006/07/17 16:43
S92	35	correct\$4 with (twist\$4 misalignment) and honeycomb	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 08:54
S93	33	correct\$4 with (twist\$4 misalignment) same ceramic\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 08:56
S94	796	correct\$4 with (twist\$4 misalignment) and ceramic\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 08:56
S95	78	correct\$4 with (twist\$4 misalignment) and ceramic\$2 and (extrud\$8)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 09:01
S96	72	correct\$4 with (twist\$4 misalignment) same (extrud\$8)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 09:01
S97	3	("2164343").URPN.	USPAT	OR	OFF	2006/07/18 09:06
S98	7	("3769836").URPN.	USPAT	OR	OFF	2006/07/18 09:09
S99	8	("2164343"   "2352442"   "2487972"   "2884986").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 09:10
S100	20	("0478454" "0523633" "1033623" "1122289" "1341431" "1367099" "2075968" "2136538" "2336524" "2757536").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 09:11

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S10 1	3	("2164343").URPN.	USPAT	OR	OFF	2006/07/18 09:13
S10 2	3	("2164343").URPN.	USPAT	OR	OFF	2006/07/18 09:14
S10 3	22	("0743193"   "2164343"   "2315971"   "2371991"   "2485969"   "3019820"   "3326091"   "3699624"   "4317353"   "4393674"   "4726212"   "4821551"   "5461767"   "5522247"   "5848546").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 09:14
S10 4	11	("3497304"   "3600918"   "3797720"   "3972761"   "4178200"   "4311905"   "4790975"   "4906170"   "5094600"   "5223852").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 09:28
S10 5	11	("4086044"   "4226580"   "4248824"   "4303734"   "4520672"   "4605525"   "4668173"   "4708837"   "4838777"   "4940504"   "Re29886").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 09:29
S10 6	10	("3006798"   "3505030"   "3983283"   "4233351"   "4777070"   "4840827"   "5393586"   "5393587").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 09:33
S10 7	3	("5633066").URPN.	USPAT	OR	OFF	2006/07/18 09:35
S10 8	10	("3006798"   "3505030"   "3983283"   "4233351"   "4777070"   "4840827"   "5393586"   "5393587").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 09:37
S10 9	1	("5458834").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 09:40
S11 0	1586	(264/295,339,630,177.12).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 09:40
S11 1	13	S110 and untwist\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 09:41
S11 2	132	S110 and \$4twist\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 09:41
S11 3	20	S112 and honeycomb	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 09:42
S11 4	12	("2352442" "2487972" "2487973" "2715431" "4906170" "5205991" "5222594" "5431866").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 10:38



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S11 5	247	detwist\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 10:39
S11 6	19	("2978799"   "3061093"   "3118328"   "3140779"   "3289451"   "3422518"   "3566651"   "3813911"   "4095447"   "4216575"   "4658617"   "4866968").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 10:55
S11 7	1245	(264/295,339).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 10:55
S11 8	106	S117 and (correct\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 11:03
S11 9	41	S117 and straighten\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 11:08
S12 0	14	("0601062" "2011576" "2039271" "2069589" "2168509" "2351861" "2442443").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 11:05
S12 1	342	(extrud\$9 extrusion) and straighten\$4 same \$5twist\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 11:19
S12 2	260	S121 and (plastic\$2 thermoplastic polymer\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 11:22
S12 3	2	("3375690").URPN.	USPAT	OR	OFF	2006/07/18 11:11
S12 4	2500	straighten\$4 same \$5twist\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 11:19
S12 5	1120	straighten\$4 with \$5twist\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 11:24
S12 6	1000	S124 and (plastic\$2 thermoplastic polymer\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 11:23
S12 7	278	straighten\$4 same honeycomb\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 11:24
S12 8	206	straighten\$4 with honeycomb\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 11:24